INTERNATIONAL SEARCH REPORT			International application No. PCT/US04/36488		
					A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : E06B 7/14 US CL : 52/209 According to International Patent Classification (IPC) or to both national classification and IPC
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 52/172, 204.52, 209, 212, 214, 217, 304, 656.6; 49/401, 408					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where ap			Relevant to claim No _	
х	US 6,374,557 A (O'DONNELL) 23 APRIL 2002 (23.	.04.2002), SI	EE ENTIRE DOCUMENT	1-7, 9 AND 11-16	
0	US 5,822,934 A (O'DONNELL) 20 OCTOBER 1998 (20.10.1998)			NONE	
0	US 5,596;151 A (ROSSINI) 21 JANUARY 1997 (21.01.1997)			1	
0	US 5,279,086 A (LIAO) 18 JANUARY 1994 (18.01.1994)			NONE	
0	US 5,044,121 A (HARBOM ET AL.) 03 SEPTEMBER 1991 (03.09.1991)			1	
0	US 4,819,405 A (JACKSON) 11 APRIL 1989 (11.04.1989)			NONE	
0	US 4,656,803 A (CHLUDIL) 14 APRIL 1987 (14.04.1987)			NONE	
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Further documents are listed in the continuation of Box C. See patent family annex.					
Special categories of cited documents:		"T"	later document published after the international filing date or priority-date and not in conflict with the application but cited to understand the		
"A" document defining the general state of the art which is not considered to be of particular relevance			principle or theory underlying the inve	or theory underlying the invention	
"E" earlier application or patent published on or after the international filing date				particular relevance; the claimed invention cannot be ovel or cannot be considered to involve an inventive steroument is taken alone	
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considered to involve an inventive step when the document is combined with one or more other such documents, such combinationa being obvious to a person skilled in the art specified) "O" document referring to an oral disclosure, use, exhibition or other means "&" document member of the same patent family document published prior to the international filing date but later than the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 26 July 2005 (26.07.2005) Authorized officer

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